



Mad Scientist Software Product Catalog

2063 North 820 West, Pleasant Grove, UT 84062 801-785-3028

Hardware Configurations - User Service Policies

All medical software is written to the latest standards. Should ACLS standards change again, updated programs will be made available for only \$6 each to our registered users. User support is readily available by phone.

No copy protection is placed on our software. You may back up your software investment by creating archive copies. For the IBM and Atari ST, the software system is totally hard-disk compatible, provided the contents of each disk is placed within its own subdirectory.

Disks which are D.O.A. or fail within the first 30 days, are replaced free of charge.

Unless otherwise stated, the following hardware configurations apply:

IBM/compatibles: requires DOS 2.0 or higher, and CGA/EGA or Hercules-compatible graphics. 5-1/4 inch disks will be supplied unless 3-1/2 is specified. Not for PC Jr. Hard disk compatible.

Apple II: compatible with II+, IIe, IIc, and IIGS, supplied only on 5-1/4 inch disks at this time. Color or monochrome. Laser 128 compatible.

Atari ST: all systems, color or monochrome. Hard disk compatible.

Atari 800/XL/XE: 600XL and 400 require 48K RAM upgrade. 400/800/1200XL require BASIC cartridge. Hard-disk ACLS Teaching series with Blood Gases available on request.

Antic Reviews Cardiac Arrest!

Those of you who have the May issue of Antic magazine no doubt read the review of our software. For those of you who haven't seen it, allow us to quote a few lines. Then congratulate yourself on your excellent taste in software.

With emphasis on our ACLS simulator, Cardiac Arrest!, our entire software line was reviewed in the page 48 article.

Writes Eric Clausen: "Physicians, medical students, nurses and Paramedics should find Cardiac Arrest! fascinating, useful and an invaluable study aid in Advanced Cardiac Life Support (ACLS)."

Our simulator is further described as "impressive and amazingly complete." The manual, notes Mr. Clausen, is "down-to-earth, information-packed."

And, hospital educational coordinators take note, he says, "I'd advise any student involved with an aspect of this material to buy this program immediately. Any school teaching relevant material should buy some Atari systems and this software."

ACLS Software Reviewed by ST World

Victor T. Albino, in his May 1987 review of Cardiac Arrest!, gets right to the point. "Cardiac Arrest! is one of the most realistic computer simulations I have ever seen... Yet despite all the realism, this simulator is remarkably easy to use. This makes the program both highly educational and fun to play."

Again, the work we put into the manual was credited with "Speaking of the manual, it is excellent. The author, Bruce Argyle, M.D., has done an exceptional job of presenting difficult material in a very clear and easily readable form."

Our supporting software is reviewed at length by Mr. Albino in the October 1987 issue of ST World. The supporting software--ACLS Protocols, EKG Teaching, CardioQuiz, and Blood Gases--forms a comprehensive training program for achieving and maintaining ACLS certification. As Victor Albino says in his review, "The material is accurate, up-to-date, and provided in an easy to assimilate fashion."

Coming ATTRACTIONS:

Internists and respiratory therapists will be amazed at our VENTILATOR MANAGEMENT simulator. Optimize the blood gases of sample patients by changing PEEP, oxygen, dead space, ventilator rate, tidal volume, etc., as a training exercise. Or, enter the parameters for a real patient and test how various interventions will affect the patient's status. Available soon for the Atari ST, this software is worth buying a computer for. From the author of our excellent Respiratory Control disk.

The QuizPlus computer-education administration program turns the Atari ST into the best computer education package on the market. The new version allows compressed picture formats, in-program screen editing, auto-centering, margin setting, desk accessory use, plus colored or styled text. All this, yet its ridiculously simple to use. Our QuizShare quiz distributing program is now looking for good educational software for use with QuizPlus. So convert those old test files into computer-assisted education with QuizPlus, and earn yourself some royalties.

Respiratory Control

A Model of the Control of Respiration

This program allows the user to challenge the respiratory system chemoreceptors with various stimuli, such as changing gas concentrations and exercise, while observing the effects of CNS drug depression and changing receptor sensitivity. Plots respiratory variables and stimuli against time. Includes a tutorial explaining the role of peripheral and central chemoreceptors. 100% mouse-driven. Serious teaching software for institutional teaching or private learning.

Respiratory Control (Atari ST only) **\$39**

QuizPlus

***An Exciting Teaching Resource
For ATARI ST, only \$29***

Think about the possibilities: within minutes, you can convert a teaching text or quiz into a colorful and interesting teaching program. You can even display graphs or pictures within the presentation. That's what QuizPlus can do for you!

QuizPlus is a mouse-driven multiple-choice quiz and tutorial administering program. Plus more. QuizPlus can display DEGAS-format pictures (including animation), and allows colored, outlined, large, italic, underlined, or light text. It handles auto-centering and margins.

A low-cost quiz-sharing program for registered QuizPlus users is sponsored by Mad Scientist Software.

Make yourself look like a computer genius. If you ever do demonstrations or use the ST for teaching, you should try QuizPlus.

QuizPlus (Atari ST only) **\$29**

QP Resource

Public Domain Utilities

Using QuizPlus? Got some nice pictures on the Apple Mac or NeoChrome? Or a disk full of color pictures--yet your monitor is monochrome? No problem. Get our \$5 public domain QP Resource disk, which includes an Xmodem-compatible file transfer utility, a picture-format conversion program, RAMdisks, and an autostart utility. The picture conversion utility allows you to read NeoChrome, Tiny, NVision, Amiga, MacPaint, MicroPainter, or Koala pictures and change them to other picture formats, including DEGAS-format.

QP Resource (Atari ST) **\$5**

Teaching Disks for QuizPlus
(QuizPlus program required)

DS= double sided drive required

/C= color monitor required

/M= monochrome pictures (conversion required)

Respiratory Physiology: DS. An excellent medical school teaching disk from the University of Toronto. Animated diagrams. Specify color or monochrome.

Military Aircraft: DS/C. Packed with jet fighter and bomber information, 25 pictures. Nicely done. Kids and teens will love it.

-- This space reserved for your QuizPlus disk. --

QuizPlus Disks \$10 each

Advanced Cardiac Life Support Software

(Please see hardware configurations on front page)

ACLS Teaching Series \$109

The ACLS Teaching Series comes in an 8-1/2 by 11 vinyl-covered 3-ring binder, making updates and additions easy. Plastic disk-storage pages are provided. Four teaching programs are provided: Cardiac Arrest!, ACLS Protocols, EKG Teaching, and CardioQuiz (see descriptions below). An exceptional value.

IBM/compatibles PK-1, Apple II+/c/e/GS PK-A, Atari ST PK-S, Atari 800/XL/XE PK-X

Cardiac Arrest! \$69

Cardiac Arrest! lets you assume the role of emergency physician--ordering drugs, lab tests, and other interventions during cardiac resuscitation. Features on-screen EKG's and vital signs, plain English order entry, critiques. 45 patients with varied medical problems. Includes a complete yet very readable manual in 8-1/2x11 binder. Used world-wide for ACLS education, yet so stimulating it's used as an adventure game.

IBM/compatibles I-01, Apple II+/c/e/GS A-01, Atari ST S-01, Atari 800/XL/XE X-01

ACLS Protocols \$29

Assume role of emergency physician as in Cardiac Arrest above, but ACLS Protocols assists you in following the current rhythm treatment algorithms as you resuscitate patients. A valuable training aid for physicians, nurses, and paramedics who are facing the "Megacode" portion of ACLS certification.

IBM/compatibles I-02, Apple II+/c/e/GS A-02, Atari ST S-02, Atari 800/XL/XE X-02

EKG Teaching \$29

A beginning approach to rhythm strip interpretation using computer-plotted EKG strips, teaching normal and abnormal EKG parts and rhythms, plus recognition of the typical EKG patterns of various abnormalities. Teaches through tutorials and quizzes.

IBM/compatibles I-03, Apple II+/c/e/GS A-03, Atari ST S-03, Atari 800/XL/XE X-03

CardioQuiz \$19

Computer-assisted instruction preparing the user for the written ACLS certification test. Digests ACLS manual information, plus Basic Life Support and chest trauma, into learnable form.

IBM/compatibles I-04, Apple II+/c/e/GS A-04, Atari ST S-04, Atari 800/XL/XE X-04

Blood Gases \$24

Normal values, A-a gradients, acid-base balance, and acidosis correction based on blood gases. Recommended as an addition to the ACLS Teaching Series for physicians and ICU/ER nurses. Easily customized to your altitude and your lab's normal values.

IBM/compatibles I-05, Apple II+/c/e/GS A-05, Atari ST S-05, Atari 800/XL/XE X-05

Demo disks \$7 each, or two for \$10.

Valuable for 1) showing the software to those at the hospital who control the pursestrings, and 2) comparing the appearance and function of the programs between different computers.

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|------------------|---------------------|------------------|-----------------------------------|------|
| IBM/Compatibles: | Cardiac Arrest demo | ID-1 | Supporting software (4 prgm) demo | ID-4 |
| Apple II+/c/e/gs | Cardiac Arrest demo | AD-1 | Supporting software (4 prgm) demo | AD-4 |
| Atari ST: | Cardiac Arrest demo | SD-1 | Supporting software (4 prgm) demo | SD-4 |
| | Atari 800/XL/XE: | ACLS Series demo | | XD-1 |

Flowsheets \$6 per 100

We strongly encourage hospital users to keep flowsheets during use of Cardiac Arrest and ACLS Protocols. The flowsheets not only help the user learn faster, they provide the supervisor with a means of monitoring progress and identifying weaknesses. You may use your own flowsheets, copy the last page of the manual, or purchase flowsheets from us.

Hospital Site License \$499

The Hospital Site Package provides four copies of each software title, plus a site license for unlimited on-site use of Cardiac Arrest!, ACLS Protocols, EKG Teaching, CardioQuiz, and Blood Gases. In the case of the Atari ST, QuizPlus is included. Unlimited further copies may be made for on-site use, with disk labels included for your convenience. Four 8 1/2 by 11 vinyl-bound manuals with protective disk insert jackets are provided. You may mix computer types--for example, you can specify two Atari ST copies and two IBM. Additional manuals are available at minimal cost.

SOFTWARE ORDER FORM

NAME: _____

ADDRESS: _____

PHONE: _____

DATE: _____



FOR: ☐ Atari 800/XL/XE ☐ Atari ST ☐ Apple II +/c/e/GS ☐ IBM

| ITEM | STOCK NO. | PRICE | # COPIES | TOTAL DUE |
|------------------------------------------------|-----------|-------|----------|-----------|
| ACLS PACKAGE 4 disks | | \$109 | | \$ |
| Cardiac Arrest! | | \$69 | | \$ |
| ACLS Protocols | | \$29 | | \$ |
| EKG Teaching | | \$29 | | \$ |
| CardioQuiz | | \$19 | | \$ |
| Blood Gases | | \$24 | | \$ |
| QuizPlus (ST only) | | \$29 | | \$ |
| DEMO disk \$7 or 2/\$10 | | | | \$ |
| Flowsheets, 100 | | \$6 | | |
| Other: | | \$ | | \$ |
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| | | \$ | | \$ |
| | | \$ | | \$ |
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| | | \$ | | \$ |
| SUBTOTAL | | | | \$ |
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 2063 North 820 West
 Pleasant Grove, UT 84062

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| SUBTOTAL | | | | \$ |
| SHIPPING \$2.00 (\$15.00 if overseas air mail) | | | | \$ 2.00 |
| TOTAL ENCLOSED | | | | \$ |

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